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CHANG, SHIRLEY

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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/932,103	DEVARA ET AL.
	Examiner	Art Unit	
	Shirley Chang	2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *16 February 2006*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-24* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　a)☐ All　b)☐ Some * c)☐ None of:

　　1.☐ Certified copies of the priority documents have been received.

　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments filed 11/12/05 have been fully considered but they are not persuasive.

a.   Applicant argues on page 9, fifth paragraph that Ullman does not specifically disclose 'enhanced features are stored for subsequent retrieval.'

Ullman discloses 'enhanced features are stored for subsequent retrieval.' 'Subsequent' is defined as 'to follow close.' The URL is added to the URL list and then sent to the Web browser, and will then access the Web site address and retrieve the web page (col. 7, line 63 to col. 8, line 15).

Applicant even admits that Ullman teaches that the "enhanced features are retrieved" (page 9, fifth paragraph). Therefore the enhanced features are stored, even if temporarily, for subsequent retrieval.

b.   Applicant argues on page 9, sixth paragraph that Ullman does not specifically disclose 'formatting retrieved features to generate a list.'

Ullman discloses 'formatting retrieved features to generate a list.' Applicant states that col. 8, lines 22-40 relates to a list of received URL's, and that they are for the purpose of allowing the user to 'go back and retrieve...web pages.' The list is indeed stored at some point, in order to be viewed at a later time (col. 8, lines 41-67; col. 7, lines 12-30).

Claim Rejections - 35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102

that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) The invention was patented or described in a printed publication in this or a

foreign country or in public use or on sale in this country, more than one year prior to

the date of application for patent in the United States.

1.   **Claims 1-24 are rejected under 35 U.S.C. § 102(b) as being anticipated by**

Ullman et al. (6018768).

As to claim 1, Ullman et al. disclose:

(a) detecting incoming television signals from a plurality of sources for tag information

identifying the source of said synchronized web simulcasts ("As shown in FIG. 1, a

preferred embodiment of the invention is a computer based system for receiving a video

program along with embedded uniform resource locators (URLs)--which direct the

user's computer 16 to address locations, or Web sites, on the Internet 20 to retrieve

related Web pages. These Web pages correspond to the video presentation. The

particular video programming can be delivered in analog, digital or digitally compressed

formats (e.g., MPEG2) via any transmission means, including satellite, cable, wire,

television broadcast or sent via the Web"[4, 42-54], "In a preferred embodiment, at each

subscriber home, an associated local URL decoder 12 receives the cable video

television program, as shown in FIG. 1. The local URL decoder 12 extracts the URLs,

preferably embedded in the vertical blanking interval, with the use of any conventional

VBI decoder device" (5, 46-57]);

(b) establishing a communication channel to the source of said synchronized web

simulcasts; (c) retrieving a number of enhanced features from the source of said

synchronized web simulcasts; ("The client software retrieves URLs from the received

video program, directly from the Internet connection 20 or via a separate data channel,

interprets these URLs and directs the Web enabled browser to retrieve the particular

relevant Web pages, and synchronizes the retrieved Web pages to the video content for

display on the television 18, as shown in FIG. 5. In this embodiment, the relevant Web

pages are shown in one frame of the television 18 while the video program is displayed

in another frame" [9, 50-58]; "The JAVA enabled browser 98 allows the computer 16 to

retrieve the Web pages 102 and is preferred software, since it is platform independent,

and thus, enables efficient and flexible transfer of programs, images, etc., over the

Internet 20" [7, 34-53]; "The actual retrieved Web pages 102, referenced by the URL,

are optionally time stamped to be displayed on the computer screen when

predetermined related video content is displayed in the video window, thus, enlightening

and enhancing the video presentation by providing in-depth information related to the

video content thereto. Another section on the screen is also preferably used to

represent an operational control panel. This control panel provides a list of the URLs

that have been broadcast and correspondingly received by the computer 16. This

control panel is updated to add a URL code each time a new URL code is received by

the PC 16. This list gives the subscriber the flexibility to go back and retrieve particularly

informative or interesting Web pages that have already been displayed earlier in the

program, or alternatively, to print them out for future reference. Furthermore, the list

could include URLs referring to Web pages not displayed with the broadcast program,

but that provide further information on a certain topic of interest to the viewer" [8, 22-

40]);

(d) storing said retrieved enhanced features in a storage medium for subsequent

retrieval ("If the URL has not been detected, the specific URL is added to the URL list in

step 54. The specific URL is then sent to the Web browser, preferably a JAVA enabled

browser 98. Upon receipt of the URL, the browser 98, in step 58, will access the Web

site address 122 (FIG. 4) indicated by the URL and retrieve the cited Web page(s) 102

(e) formatting said retrieved, enhanced features according to predetermined criteria to

generate a content list ("A viewer can begin watching a musical video featuring a new

band, for example. As the video is received by the PC 16, URLs are either being

received with the video signal or are being received directly via the Internet 20 or

another data channel, and are being interpreted by the client software 106. Upon

direction and command, the JAVA enabled browser 98 retrieves particular Web pages

102 from Internet 20 Web sites identified in the URLs. These Web pages 102 will then

be displayed on the video screen at particular times. Thus, for example, while the

viewer is watching the music video, biographical information on the band can also be

displayed adjacently to the video window. Web pages 102 could also include an

upcoming concert schedule, or even audio clips of the band's music may be

downloaded from the Internet 20. As another example, a user could be watching a

program relating to financial news. While the narrator is shown discussing high tech

stocks, Web pages corresponding to detailed financial performance information on high

tech stocks, environment and characteristics can be displayed with the video on the

computer screen. If the personalization features are included, Web pages associated

with a particular user's stock can be fetched and displayed on the computer screen with

the video program" [8, 41-67]; "The above embodiment can also enable personalization

in the form of unique series of URLs specific to each user's unique profile, which is

directly sent over the Internet 20 to each user's specific client software

106...Personalization enables each user to receive URLs which are uniquely relevant to

their interests, demographics, history, or behavior in the system" [7, 12-30]).

As to claim 2, Ullman et al. disclose:

presenting said content list to a viewer (met as discussed in claim 1b).

As to claim 3, Ullman et al. disclose:

wherein said content listing includes information selected from the group consisting of

enhanced feature description, source, length, starting time, ending time, and a

combination thereof ("As an example, each of the records in the Link File consists of a

data structure which could contain information such as: (<timecode>,<URL>,<label or

title>,<additional information>,<additional information>, . . .) The above data structure is

just one example. The records in the Link File preferably specify the time, Internet

address (i.e. URL), label (such as an associated name), and some optional additional

information, for each Web page the broadcaster 66 desires to launch during a show"[6,

24-49] and as discussed in 1b).

As to claim 4, Ullman et al. disclose:

selecting one of said enhanced features tied to a TV program by a viewer ("list gives the

subscriber the flexibility to go back and retrieve particularly informative or interesting

Web pages that have already been displayed earlier in the program, or alternatively, to

print them out for future reference. Furthermore, the list could include URLs referring to

Web pages not displayed with the broadcast program, but that provide further

information on a certain topic of interest to the viewer" [8, 22-67]).

As to claim 5, Ullman et al. disclose:

displaying one of said enhanced features selected by said user with the corresponding

TV program that is synchronized to said selected enhanced feature (met as discussed

in claim 4).

As to claim 6, Ullman et al. disclose:

wherein said predetermined criteria defines the number of enhanced features

associated with the source of said synchronized web simulcasts ("Although FIG. 1

shows the video with URLs over the same transmission line, the URLs can be sent

down independently of the video program on a data channel. In this embodiment, the

URLs can be forwarded to the remote sites either prior to initiation or during the

program. Preferably, the URLs have associated time stamps which indicate to the

subscriber stations when, during the video program, to display the particular Web pages addressed by the URLs. Alternatively, the user can select when to call the particular Web pages for display with the video program"[5, 3-12]; "the URLs are entered by member TV broadcasters 66 along with specified times for transmitting the URLs to the user. At the appropriate times, the URLs are sent directly over the Internet to the user's PC 16 via the client software 106 over a direct point-to-point or multicasting connection" [7, 57-62]).

As to claim 7, Ullman et al. disclose:

wherein said plurality of sources includes at least one of a television network, Internet network, wireless network, and wired network, or a combination thereof ("Once the video program is created, it can be transmitted to user sites over any transmission means, including broadcast, cable, satellite, or Internet, and may reside on video servers" [5-24-29]).

As to claim 8, Ullman et al. disclose:

(a) receiving a plurality of television programs from a plurality of television broadcasters (met as discussed in claim 1a);

(b) detecting the plurality of said television programs for tag information identifying the respective source of said synchronized web simulcasts (met as discussed in claim 1a);

(c) determining whether said detected tag information indicates that said synchronized web simulcasts are being broadcast currently "It is understood that a hyperlink may

exist on the Web site that will allow the user to automatically load the client software

and call up the specific television channel referenced in the Web site. For example,

someone browsing the Internet 20 may come upon a major television network's Web

site. They scroll to an interesting story then click on an hyperlink to turn on the software

which tunes the TV window to the network to enhance the information residing at the

Web site" [9, 20-28];

(c)(1)(i) if yes, establishing a channel connection to the source of said synchronized

web simulcasts indicated by said tag information ([9, 20-28]);

(c)(1)(ii) downloading and displaying a number of enhanced features from the source of

said synchronized web simulcasts to a viewer([9, 20-28]);

(c)(2)(i) if no, establishing a channel connection to the source of said synchronized web

simulcasts indicated by said tag information; (c)(2)(ii) downloading a number of

enhanced features from the source of said synchronized web simulcasts for storage in a

memory medium for subsequent retrieval ([9, 20-28]; [8, 1-15]; [8, 41-67]).

(d) formatting said retrieved enhanced features according to predetermined criteria to

generate a content list selectable by said viewer (met as discussed in claim 1e).

As to claim 9, Ullman et al. disclose:

presenting said content list to said viewer (met as discussed in claim 2).

As to claim 10, Ullman et al. disclose:

selecting one of said enhanced features tied to a TV program by said viewer (met as discussed in claim 4).

As to claim 11, Ullman et al. disclose:

displaying one of said enhanced features selected by said user with the corresponding TV program that is synchronized to said selected enhanced feature (met as discussed in claim 5).

As to claim 12, Ullman et al. disclose:

wherein said step of displaying is performed interactively in response to said viewer's input (met as discussed in claim 1b);

As to claim 13, Ullman et al. disclose:

wherein said content listing includes information selected from the group consisting of an enhanced feature description, source, length, starting time, ending time, and a combination thereof (met as discussed in claim 3);

As to claim 14, Ullman et al. disclose:

wherein said predetermined criteria defines the >number of enhancement features associated with the source of said synchronized web simulcasts (met as discussed in claim 6);

As to claim 15, Ullman et al. disclose:

A system for managing television programs and their related web simulcasts, comprising: a detection means, coupled to receive incoming television programs viewed by a user, for detecting tag information indicating the source of synchronized web simulcasts; a communication means for establishing a communication channel to the source of said synchronized web simulcasts; a storage means for storing data representative of a plurality of enhanced features corresponding to said incoming television programs; a controlling means, coupled to said storage means, said detection means, and said communication means, for retrieving the plurality of said enhanced features from the source of said synchronized web simulcasts and for formatting said retrieved enhanced features according to predetermined criteria to generate a content list selectable by said user (met as discussed in claim 1).;

a display means, coupled to said controlling means, for displaying said incoming television programs and one of said retrieved enhanced features selected interactively by said user (met as discussed in claim 5).

As to claim 16, Ullman et al. disclose:

wherein the data representative of the plurality of said enhanced features is interactively created in advance ("This scheme enables affiliates to insert URLs for local advertisers or local subjects into a sequence of more general URLs provided by their network broadcaster 66. In other words, the affiliate can add links that ride on the network feed and then redistribute it to their local audiences" [7, 1-29] and as discussed in claim 14).

As to claim 17, Ullman et al. disclose:

The system of claim 15, wherein said predetermined criteria defines the number of

enhancement features associated with the source of said synchronized web simulcasts

(met as discussed in claim 6).

As to claim 18, Ullman et al. disclose:

The system of claim 15, wherein the data representative of the plurality of said

enhanced features is interactively created in advance (met as discussed in claim 16).

As to claim 19, Ullman et al. disclose:

The system of claim 15, wherein said content listing includes information selected from

the group consisting of an enhanced feature description, source, length, starting time,

ending time, and a combination thereof (met as discussed in claim 3).

As to claim 20, Ullman et al. disclose:

A system for managing television programs and their related web simulcasts,

comprising: a memory for storing a computer-readable code; and, a processor

operatively coupled to said memory, said processor configured to: detect incoming

television signals from a plurality of sources for tag information identifying the source of

synchronized web simulcasts; establish a communication channel to the source of said

synchronized web simulcasts; retrieve a number of enhanced features from the source

of said synchronized web simulcasts; store said retrieved enhanced features in a

storage medium for subsequent retrieval; format said retrieved enhanced features

according to predetermined criteria to generate a content list; and, display one of said

enhanced features selected by said user with the corresponding TV program that is synchronized to said selected enhanced feature (met as discussed in claim 1).

As to claim 21, Ullman et al. disclose:

The method of claim 20, wherein said content listing includes information selected from the group consisting of an enhanced feature description, source, length, starting time, ending time, and a combination thereof (met as discussed in claim 3).

As to claim 22, Ullman et al. disclose:

The system of claim 20, wherein said predetermined criteria defines the number of enhancement features associated with the source of said synchronized web simulcasts (met as discussed in claim 6).

As to claim 23,

A method for presenting simulcast information, the method comprising executing operations on at least one user local data processing device, the operations comprising: receiving audio-visual information; detecting at least one tag in the video information relating to at least one website simulcasting supplemental information relating to the audio-visual information ("As shown in FIG. 1, a preferred embodiment of the invention is a computer based system for receiving a video program along with embedded uniform resource locators (URLs)--which direct the user's computer 16 to address locations, or Web sites, on the Internet 20 to retrieve related Web pages. These Web pages correspond to the video presentation. The particular video programming can be

delivered in analog, digital or digitally compressed formats (e.g., MPEG2) via any

transmission means, including satellite, cable, wire, television broadcast or sent via the

Web"[4, 42-54], "In a preferred embodiment, at each subscriber home, an associated

local URL decoder 12 receives the cable video television program, as shown in FIG. 1.

The local URL decoder 12 extracts the URLs, preferably embedded in the vertical

blanking interval, with the use of any conventional VBI decoder device" (5, 46-57]);

Retrieving the supplemental information prior to a need for display of such information

(downloading implies storing therefore it's necessary to retrieve before displaying; ("The

client software retrieves URLs from the received video program, directly from the

Internet connection 20 or via a separate data channel, interprets these URLs and

directs the Web enabled browser to retrieve the particular relevant Web pages, and

synchronizes the retrieved Web pages to the video content for display on the television

18, as shown in FIG. 5. In this embodiment, the relevant Web pages are shown in one

frame of the television 18 while the video program is displayed in another frame" [9, 50-

58]; "The JAVA enabled browser 98 allows the computer 16 to retrieve the Web pages

102 and is preferred software, since it is platform independent, and thus, enables

efficient and flexible transfer of programs, images, etc., over the Internet 20" [7, 34-53];

"The actual retrieved Web pages 102, referenced by the URL, are optionally time

stamped to be displayed on the computer screen when predetermined related video

content is displayed in the video window, thus, enlightening and enhancing the video

presentation by providing in-depth information related to the video content thereto.

Another section on the screen is also preferably used to represent an operational

control panel. This control panel provides a list of the URLs that have been broadcast

and correspondingly received by the computer 16. This control panel is updated to add

a URL code each time a new URL code is received by the PC 16. This list gives the

subscriber the flexibility to go back and retrieve particularly informative or interesting

Web pages that have already been displayed earlier in the program, or alternatively, to

print them out for future reference. Furthermore, the list could include URLs referring to

Web pages not displayed with the broadcast program, but that provide further

information on a certain topic of interest to the viewer" [8, 22-40]);

Marking the supplemental information for synchronized display with the audio-visual

information; storing the marked supplemental information ("A viewer can begin watching

a musical video featuring a new band, for example. As the video is received by the PC

16, URLs are either being received with the video signal or are being received directly

via the Internet 20 or another data channel, and are being interpreted by the client

software 106. Upon direction and command, the JAVA enabled browser 98 retrieves

particular Web pages 102 from Internet 20 Web sites identified in the URLs. These Web

pages 102 will then be displayed on the video screen at particular times. Thus, for

example, while the viewer is watching the music video, biographical information on the

band can also be displayed adjacently to the video window. Web pages 102 could also

include an upcoming concert schedule, or even audio clips of the band's music may be

downloaded from the Internet 20. As another example, a user could be watching a

program relating to financial news. While the narrator is shown discussing high tech

stocks, Web pages corresponding to detailed financial performance information on high

tech stocks, environment and characteristics can be displayed with the video on the computer screen. If the personalization features are included, Web pages associated with a particular user's stock can be fetched and displayed on the computer screen with the video program" [8, 41-67]; "The above embodiment can also enable personalization in the form of unique series of URLs specific to each user's unique profile, which is directly sent over the Internet 20 to each user's specific client software 106...Personalization enables each user to receive URLs which are uniquely relevant to their interests, demographics, history, or behavior in the system" [7, 12-30]; downloading implies storing therefore it's necessary to retrieve before displaying);

Generating and displaying a list of stored supplemental information associated with the audio-visual information; receiving a choice indication responsive to the list; simultaneously presenting the audio-visual information synchronized together with at least part of the supplemental information, responsive to the choice ("list gives the subscriber the flexibility to go back and retrieve particularly informative or interesting Web pages that have already been displayed earlier in the program, or alternatively, to print them out for future reference. Furthermore, the list could include URLs referring to Web pages not displayed with the broadcast program, but that provide further information on a certain topic of interest to the viewer" [8, 22-67]); and

As to claim 24,

the audio-visual information and tag are received in MPEG format (col. 9, line 59 to col. 10, line 10).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Shirley Chang whose telephone number is (571) 272-

8546. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chris Grant can be reached on (571) 272-7294. The fax phone number for

the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

SC

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